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Approved For Release 2003/09/01 : TOP SECRET EDP78T04759A009800010026-2

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26 March 1971

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MEMORANDUM FOR:

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THROUGH :

SUBJECT : New CHICOM A and E - Band Radars, China

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REFERENCE : Requirement No. NSA/SPO/R-92/71
NPIC Project 251055

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RETURN TO DSB
IN 1107, HQ**

1. In response to the referenced requirement ten specified areas in China were searched for new A and E band radars.

2. In addition to the radar sites reported in [] and [] one new radar site, two new possible radar sites, one known possible radar site, and one known radar plant were observed that may be related to the new large-type radars. Results of the search and photographic coverage required to negate each of the search areas are as follows:

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Center of Search Area	Radius of Search (NM)	Results	Latest Complete Coverage of Area
1. 43-46N 115-41E	5.0	New site	[]
2. 40-33N 095-40E	5.0	Negative	
3. 48-03N 123-45E	5.0	Negative	
4. 30-40N 104-04E	5.0	Poss radar	
5. 42-40N 113-23E	0.0	[]	
6. 38-58N 101-55E	25.0	Poss site	
7. 46-55N 130-19E	25.0	Negative	
8. 42-38N 126-14E	20.0	Poss site	
9. 30-00N 121-30E	25.0	Poss known site	
10. 38-22N 105-38E	0.0	[]	

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Declassification Review by NIMA/DoD

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GROUP I

Excluded from automatic
downgrading and
declassification

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Search Area #1

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3. Mission [] revealed a new radar facility at 43-46N 115-14E, 25 nautical miles (nm) south-southwest of A-paha-na-erh-chi, China. The facility consisted of two large height-finder radars, two YAGI-type radars and one possible radar. The facility was not present on Mission []

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Search Area #6

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4. Mission [] revealed a possible radar facility at 39-06-20N 101-50-28E, 10 nm southeast of A-la-shan-yu-chi. The facility consisted of four possible radars and 14 unidentified pieces of equipment. No new radars were observed here on []

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Search Area #8

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5. A possible radar facility was identified at 43-17-25N 126-34-18E, 5.5 nm northwest of Hang-tao-ho-tzu, on [] The site consisted of one possible radar and one possible support building. The site was present on []

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Search Area #9

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6. A possible radar facility [] was observed under construction at 29-49-00N 121-46-55E, 13 nm east-southeast of Ning-po on [] [] revealed continued activity around the facility with three large unidentified objects or pieces of equipment in the site area.

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Search #4

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7. [] revealed an unidentified possible radar at the Cheng-tu Radar Plant 749 [] at 30-40-38N 104-07-05E. Further examination of the photography indicated that the possible radar may be similar to the new large radars seen at Suuji and Yin-chuan. Interpretability of the photography precluded mensuration or accurate identification of this possible new radar.

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8. All known radar and electronic sites in the search areas were checked and, other than what is mentioned above, no large or unusual pieces of electronic equipment were discernible. Mensuration, orientation and artists sketches of antennas and equipment are not possible at this time due to scale and interpretability of the photography.

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9. Questions regarding this project may be directed to the imagery analysts, [REDACTED] of the West China Branch, EGD/IEG, on extension [REDACTED]

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